



## Miniature Pneumatic Pressure Transmitters

### PT Series



- Low Cost, Linear 1:1 Repeater
- $\pm 0.1$  psi Accuracy
- Ranges from 10 psi to 150 psi
- Anti-Clogging and Corrosion Resistant

**The PMC Miniature Pneumatic Pressure Transmitter (PT Series)** has been designed specifically for measuring pressures in paper mills and similar process industries where the plugging of gauges and seals is a particular concern. The small, 1" diameter of the transmitter permits installation to be flush with the inside wall of pipes 2" in diameter and larger. This flush fitting eliminates the usual pocketing problems encountered with conventional flange mounted pressure transmitters and chemical seals.

**The PMC Sanitary Miniature Pneumatic Pressure Transmitter (PT/SAN)** modifies the proven PT Series to include a Sanitary Seal at the diaphragm face. The PT/SAN was specifically designed to address the sanitary needs of the Food, Chemical, Brewery, and Pharmaceutical industries. The weld-on nipple can be mounted in most quick disconnect couplings.

**The PMC Pneumatic Tank Level Transmitter (LT Series)** offers similar performance with packaging specifically designed to measure tank levels in paper mills and similar process industries where pulp or viscous materials are stored. Please refer to the appropriate data sheet for more information.

***Electronic Versions Also Available***

## STANDARD SPECIFICATIONS

### ■ Full Scale Ranges (Zero Based)

100 psig is standard and well suited to most applications. 10, 15, 30, 60, & 150 psig ranges also available. Consult factory for other variations.

### ■ Accuracy

± 0.1 psig over range

### ■ Overpressure

Up to 250 psig or Full Vacuum

### ■ Operating Temperature Range

200°F Standard, 400°F available

### ■ Construction

All Stainless Steel Construction, 316L for wetted parts

### ■ Air Consumption

3 Standard Cubic Feet per Hour (0.085 Nm<sup>3</sup>/hr)

### ■ Installation

Stub 316L SS Weld-On Nipple furnished with each transmitter, Threaded Nipples also available for PT Series.

### ■ Standard Order Code - Pulp and Paper Industry

#### Order Code Example: PMC PT-100psi-N-Ha-S

- (1) Model: PMC PT-Pressure Transmitter
- (2) Range: 100 psi
- (3) O-Ring Material: Buna-N
- (4) Diaphragm Material: Ha
- (5) Temperature: Up to 200°F

PMC adopts a continuous development program which sometimes necessitates specification changes without notice.

## ORDERING INFORMATION

### PT Series Miniature Pneumatic Pressure Transmitters

When ordering please specify the following:

MODEL PMC	
PT	SS Weld-On Nipple
PT/SAN	SS Sanitary Weld-On Nipple
Range	Specify psi, " WC, bar, absolute, gauge, etc.
O-Ring	
N	Buna N 200°F
Si	Silicone 400°F
V	Viton 400°F
EPR	Ethylene Propylene 400°F
Diaphragm	
Ha	Havar
Hc	Hastelloy C
Temperature	
S	200°F
HT	400°F

(1) Select (2) Specify (3) Select (4) Select (5) Select

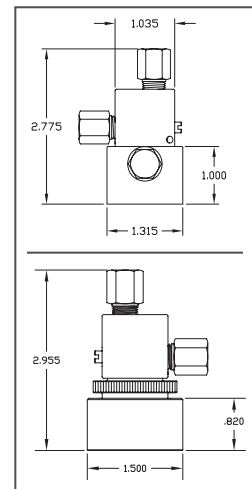
#### Order Code Example: PMC PT-100psi-N-Ha-S

- (1) Model: PMC PT- Pressure Transmitter
- (2) Range: 100 psi gauge
- (3) O-Ring Material: Buna N
- (4) Diaphragm Material: Ha
- (5) Temperature: Up to 200°F

## OPTIONS

PMC offers a range of options, accessories, and variants for the Miniature Pressure Transmitter PT Series including the temperature and material options listed above and Stainless Steel adapters.

Contact PMC for other options and accessories



All measurements shown in inches

HEAD OFFICE



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